

Converting Colors

`RYB(218, 252, 249)`

Have a look what the booklet for
RYB(218, 252, 249) contains.

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Color

R_YB(218, 252, 249)

Conversions

Conversions Part 1

Format	Color
Hex	DDFCDA
RGB	221, 252, 218
RGB Percent	87%, 99%, 85%
CMY	0.1333, 0.0118, 0.1451
CMYK	0.12, 0.00, 0.13, 0.01
HSL	115°, 85%, 92%
HSV	115°, 13%, 99%
XYZ	77.2841, 90.0549, 79.6387
YIQ	238.8550, -7.5620, -17.1460

Conversions

Conversions Part 2

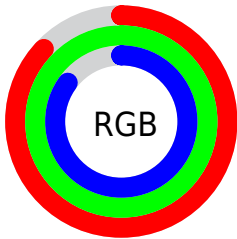
Format	Color
R_{YB}	218, 252, 249
Decimal	14548186
CIE _{Lab}	96.02, -16.16, 12.94
CIE _{LCh}	96, 20.703, 141.320
Yxy	90.0549, 0.3129, 0.3646
Android (android.graphics.Color)	4292738266 (0xFFDDFCDA)
YUV	238.8550, -10.2815, -15.6588
Hunter-Lab	94.8973, -20.7003, 16.6714

Details

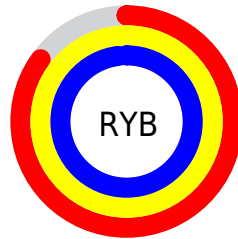
The RYB color **218, 252, 249** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 218, 252**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 195, 192** is the 20% darker color. If you saturate the color by 10%, you get **193, 252, 247**, and if you desaturate by 10%, it is **243, 252, 251**.

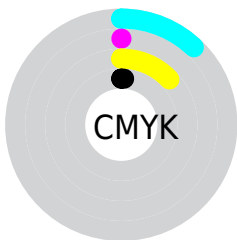
Distribution



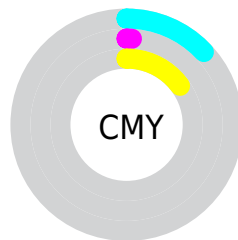
- Red (87%)
- Green (99%)
- Blue (85%)



- Red (85%)
- Yellow (99%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (13%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 252, 249 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 218, 252, 249 by changing the saturation by 10% instead.

■ 218, 252, 249

255, 255, 255

■ 218, 252, 249

■ 190, 223, 220

■ 163, 195, 192

■ 137, 168, 166

■ 111, 142, 140

■ 87, 116, 114

■ 63, 91, 89

■ 41, 68, 67

■ 20, 44, 45

■ 0, 26, 26

 218, 252, 249

 218, 252, 249

 193, 252, 247

 243, 252, 251

 168, 252, 245

 255, 252, 255

 142, 252, 242

 117, 252, 240

 92, 252, 238

 67, 252, 236

 42, 252, 234

 16, 252, 231

 0, 252, 230

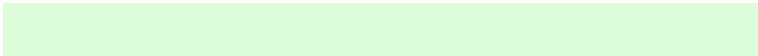
Harmonies

Analogous

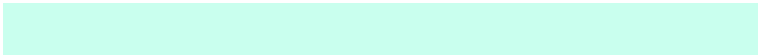
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206, 247, 209



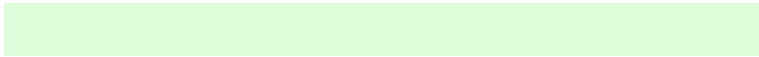
218, 252, 249



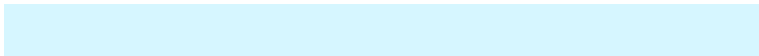
201, 233, 255

Triad

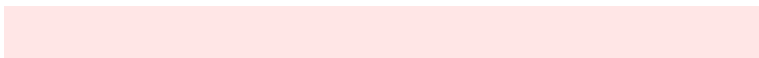
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 252, 249



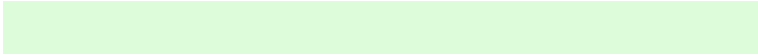
214, 232, 255



255, 230, 230

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



218, 252, 249



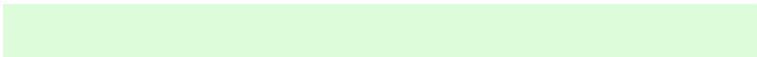
249, 218, 252

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 230, 250



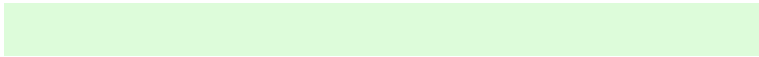
218, 252, 249



240, 240, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



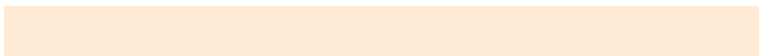
218, 252, 249



196, 225, 255



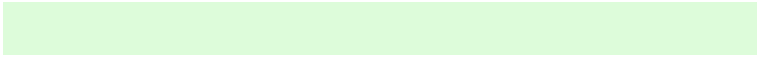
255, 234, 255



255, 255, 213

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218, 252, 249



193, 225, 255



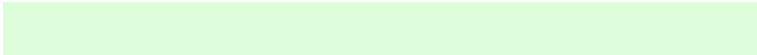
255, 234, 255



255, 230, 236

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



218, 252, 249



245, 255, 254



221, 252, 218



121, 128, 127



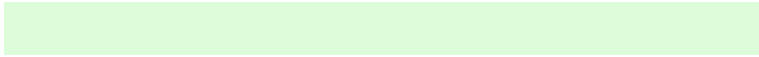
0, 0, 0



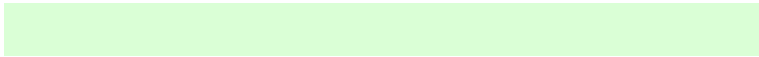
128, 128, 128

Same Dimension

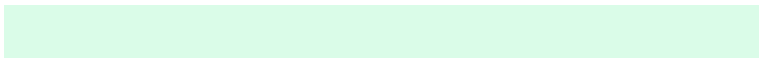
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218, 252, 249



214, 255, 251



218, 242, 252



112, 125, 123



0, 189, 172



0, 61, 56

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



249, 218, 252



251, 214, 255



252, 218, 238



124, 112, 125



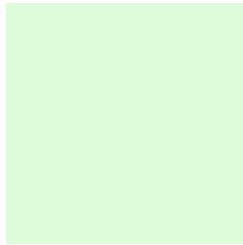
172, 0, 189



56, 0, 61

Previews

White Background



This preview shows how the RYB color 218, 252, 249 looks on a white background.

Color Contrast Check

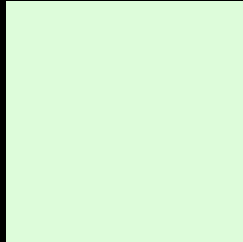
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 218, 252, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

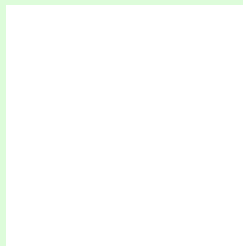
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 218, 252, 249 Background



This preview shows how black text looks on a background with the RYB color 218, 252, 249.

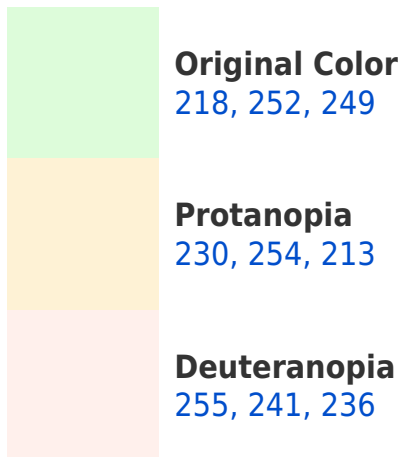


This preview shows how white text looks on a background with the RYB color 218, 252, 249.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

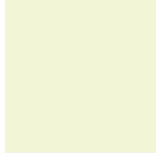
236, 242, 255

Trichromacy



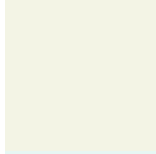
Original Color

218, 252, 249



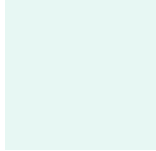
Protanomaly

215, 246, 219



Deuteranomaly

229, 244, 230



Tritanomaly

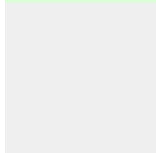
231, 240, 247

Monochromacy



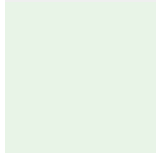
Original Color

218, 252, 249



Achromatopsia

239, 239, 239



Achromatomaly

231, 244, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 252, 249 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(221, 252, 218)` looks like.

```
.text, #text, p{  
    color:rgb(221, 252, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(221, 252, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 252, 218) }
```

Border

The CSS property to change the border of an element to RYB 218, 252, 249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 252, 218) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(221, 252, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(221, 252, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 252, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 252, 218);  
box-shadow:4px 4px 4px 4px rgb(221, 252,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 218, 252, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 252, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(221,  
252, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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